

# Monsanto

157050

Monsanto Company  
Corporate Engineering Department  
Saugat, Illinois 62201

September 10, 1985  
Letter #6 MC/JSA-6

Alberici  
W.C. Koester

Subject: Monsanto CEA 3808  
Acid Proof Pipe Joint Material  
Main South Trunk Sewer

Ref : Letter WCK to G.G. dated July 1, 1985

Monsanto has reviewed your letter of July 1, 1985 concerning additional labor cost for the revised joint material for the 42" VC pipe and offer the following comments.

Our review of the labor to install the currently specified joint using a two pass method indicates the labor effort to be approximately the same as the joint originally specified and included in the bid package. This conclusion was arrived at independently by both our Estimator and Construction Engineers experienced in both systems. Monsanto agrees to additional cost when installing the currently specified joint using the three pass system.

Experience with joint leaks at the time of your letter indicated a 32% failure rate which included cold weather construction and start up on the project. Above normal leakage rate would be expected during this period. Currently 73 joints have completed and tested with a first test leak experienced on 15 of the joints. This equals a rate of 21%.

Monsanto's experience with the originally specified joint indicates a failure rate of 20% to 25% to be expected under test conditions that allow a limited amount of leakage. A far higher failure rate should have been anticipated with the "No Leak" specification on this project. Experience to date has thus shown that the revised joint specification has provided a far superior joint and has resulted in less leak repair cost than would have been reasonably anticipated with the joint originally specified. Monsanto therefore declines additional cost related to joint leakage on the project.



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